

T05007" 30223960

a.

Stresscopin 1

ATGACCAGGTGTGCTCTGCTGTTGCTGATGGTCCTGATGTTGGGCAGAGTC	51
M T R C A L L L L M V L M L G R V	
CTGGTTGTCCCGAGTGACCCCTATCCCAACCTTCCAGCTCCGCCCTCAGAAT	102
L V V P V T P I P T F Q L R P Q N	
TCTCCCGAGACCACTCCCGACCTGCGGCCTCAGAGAGCCCTCAGCTGCT	153
S P Q T T P R P A A S E S P S A A	
CCCACATGGCCGTGGGCTGCCAGAGCCACTGCAGCCCCACCCGCCACCCT	204
P T W P W A A O S H C S P T R	
GGCTCGCGCATGTCTATCGCTGGATGTCCCATCGGCCTCTGCAGATC	255
TTACTGGAGCAAGCCCGGGCCAGGGCTGCCAGGGAGCAGGCCACCACCAAC	306
GCCCGCATCTGGCCCGTGTGGCCACTGCTGA	339
G H C *	

b.

Stresscopin 2

ATGCTGATGCCGCTCCACTTCTGCTGCTCCTGCTGCTCCTGGGGGGC	51
M L M P V H F L L L L L L L L G G	
CCCAGGACAGGCCCTCCCCACAAGTTCTACAAAGCCAAGCCCATCTTCAGC	102
P R T G E P H K F Y K A K P I F S	
TGCCCTCAACACCGCCTGTCTGAGGCTGAGAAGGGCCAGTGGGAGGATGCA	153
C L N T A L S E A E K G Q W E D A	
TCCCTGCTGAGCAAGAGGAGCTTCCACTACCTGCGCAGCAGAGACGCCTCT	204
S L L S K R S F H Y L R S R D A S	
TCGGGAGAGGAGGAGGAGGGCAAAGAGAAAAAGACTTTCCCATCTCTGGG	255
S S E E E E G K E K K T F P I S G	
GCCAGGGGTGGAGCCGGAGGCACCCGTACAGATACGTGTCCCAAGCACAG	306
A R G G A G G T R Y R Y V S Q A Q	
CCCAGGGGAAAGCCACGCCAGGACACAGCCAAGAGTCCCCACCGCACCAAG	357
P R G K P R Q D T A K S P H R	
TTCACCCTGTCCCTCGACGTCCCCACCAACATCATGAACCTCCTCTTCAAC	408
ATCGCCAAGGCCAAGAACCTGCGTGCCAGGCGGCCGCAATGCCACCTG	459
ATGGCGCAAATTGGGAGGAAGAAGTAG	486
G R R K *	

Fig. 1a and 1b

Protein	Position	Sequence
hCRH	153	SEEPITLLTFFHSEVLMAEAQLAQQAHSKLMKEIF
mCRH	144	SEEPITLLTFFHSEVLMAEAQLAQQAHSKLTFSV
hUrocortin	81	RDNSLITLLTFFHSLTLLARTQSQRERAQSLTFDSV
mUrocortin	79	RDDPILITLLTFFHSLTLLARTQSQRERAQSLTFDSV
gUrotensin I	102	NDDPILITLLTFFHSLNMIYARNENQREAGLKYLDEV
sCRH1	119	SEEPITLLTFFHSEVLMAEAQLAQQAHSKLMKEIF
sCRH2	119	SEEPITLLTFFHSEVLMAEAQLVQQAHSKLMKEIF
fsauvagine		QGPIITLSLEKMIIEKQEKEKQQAANILLDTI

hStresscopin1 67 HPGSRV...IGLLQ...LQQRRAAEQ...TT...RL...RV
hStresscopin2 118 TRF...TNIMNL...FNLRKNL...AQ...AA...HLM...QT
pStresscopin 108 SRL...TNIMNV...FDV...KNL...AKLAK...RL...EI

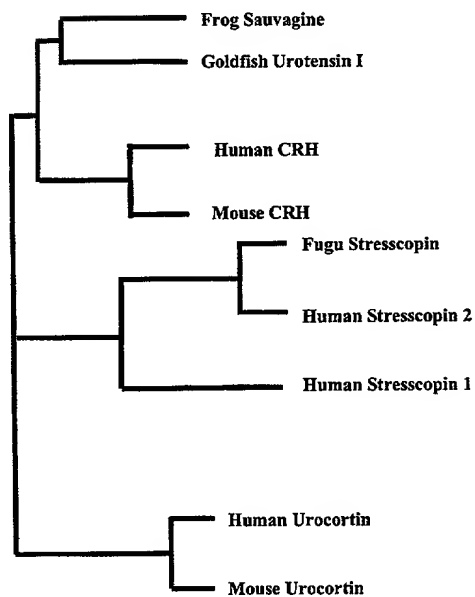


Fig. 1c and 1d

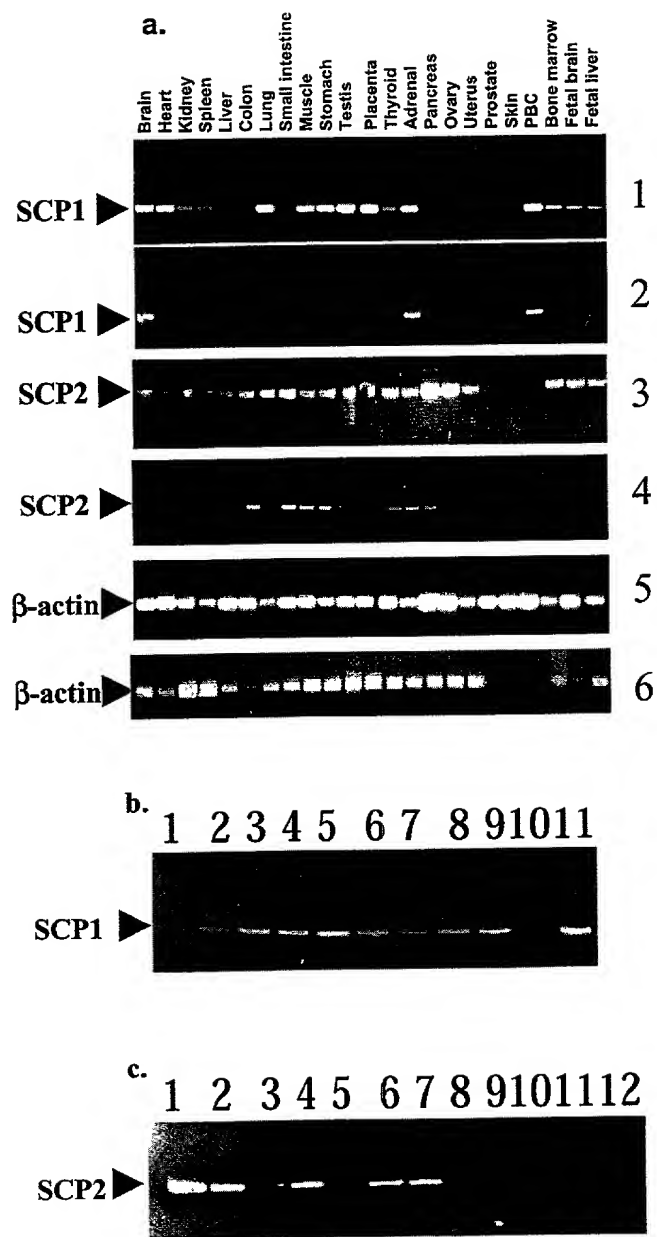
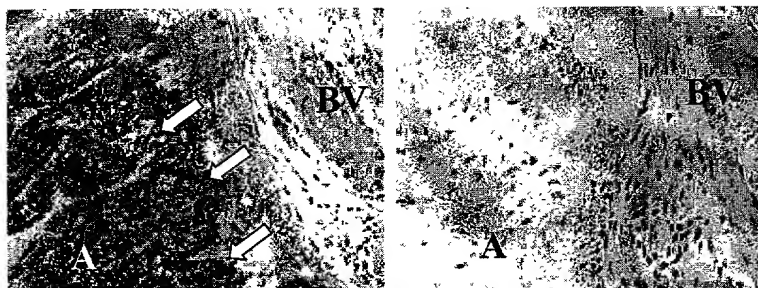
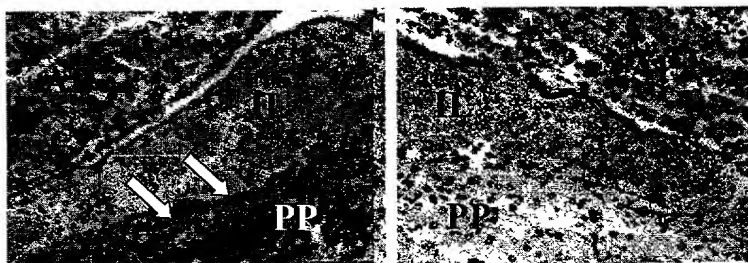


Fig. 2a-c

d.



e.



f.

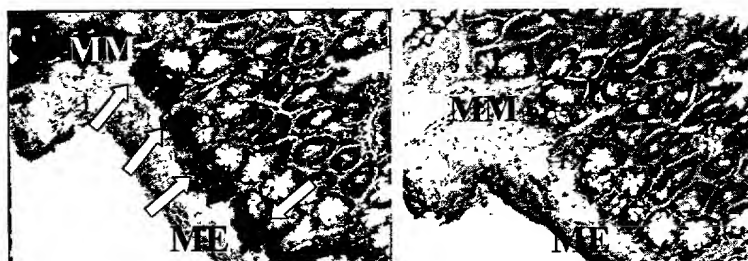


Fig. 2d-f

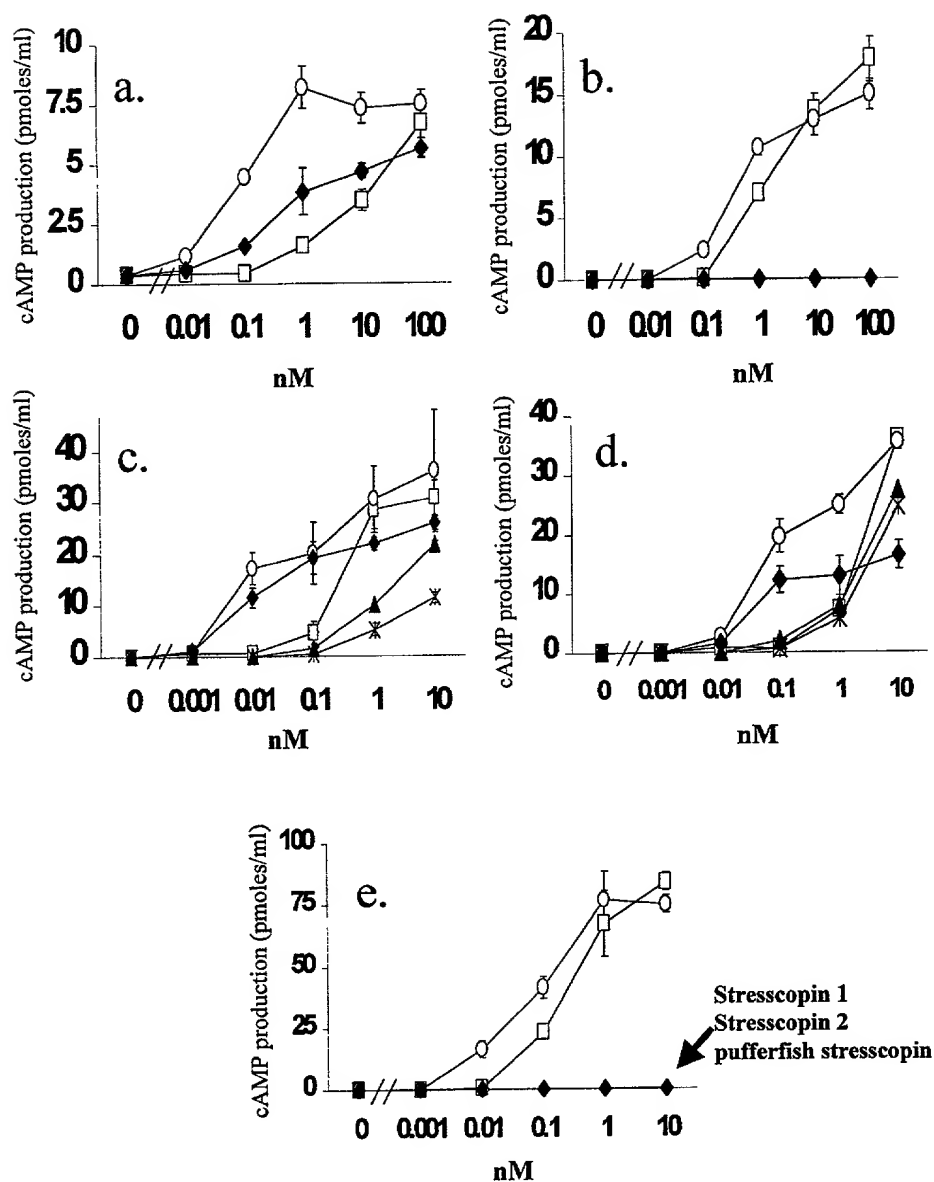


Fig. 3a-e

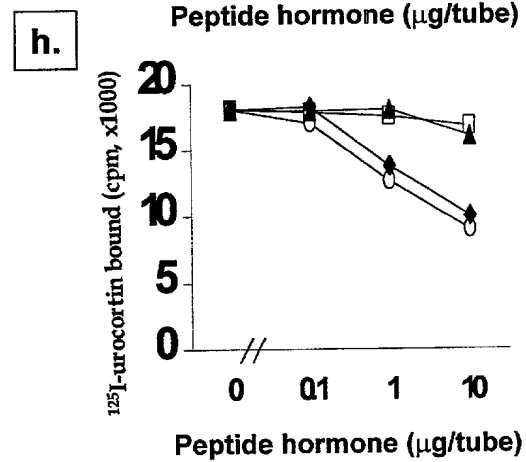
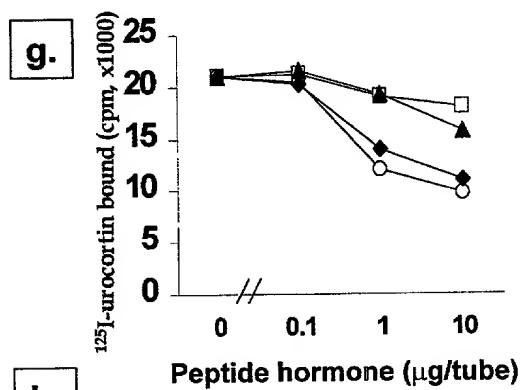
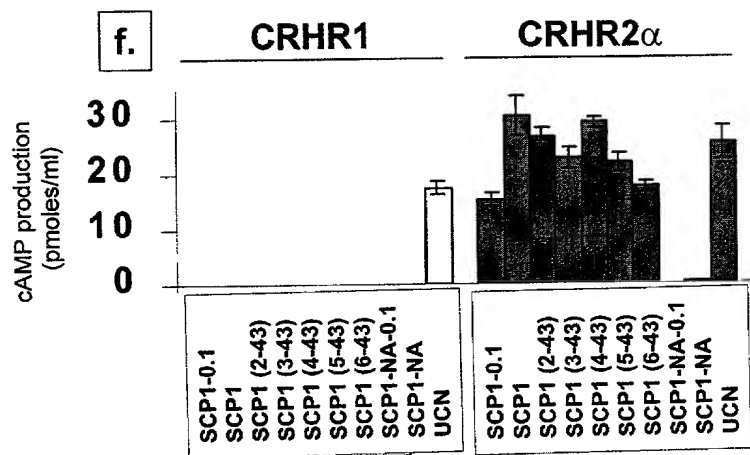


Fig. 3f-h

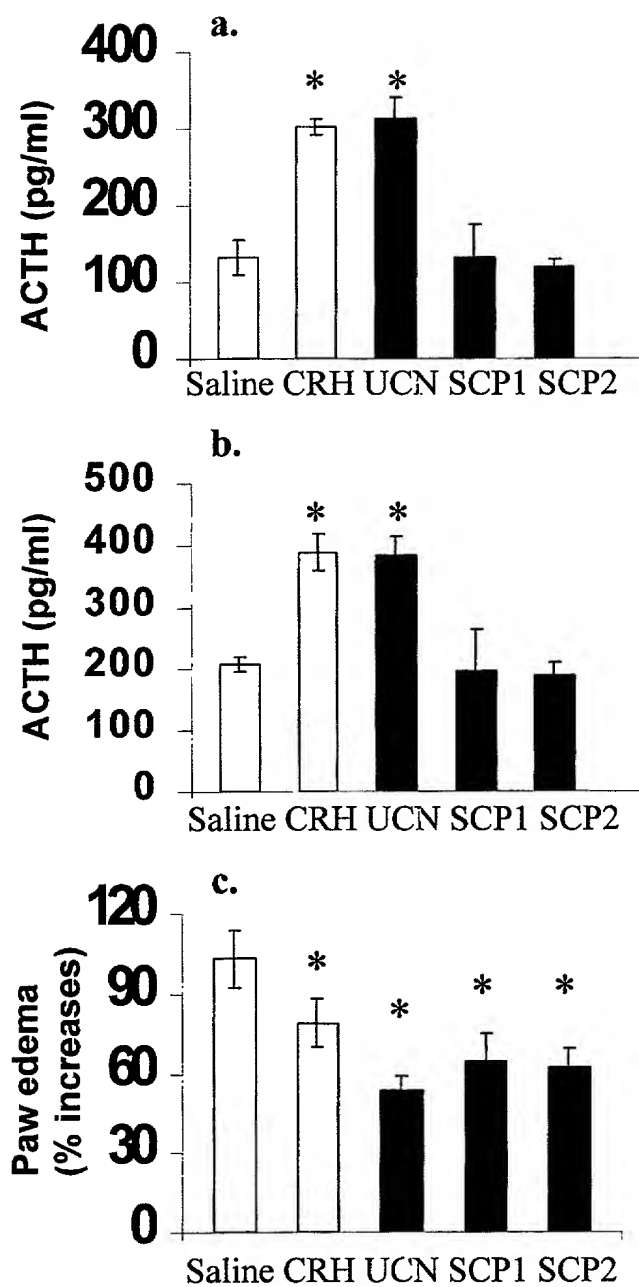


Fig. 4a-c

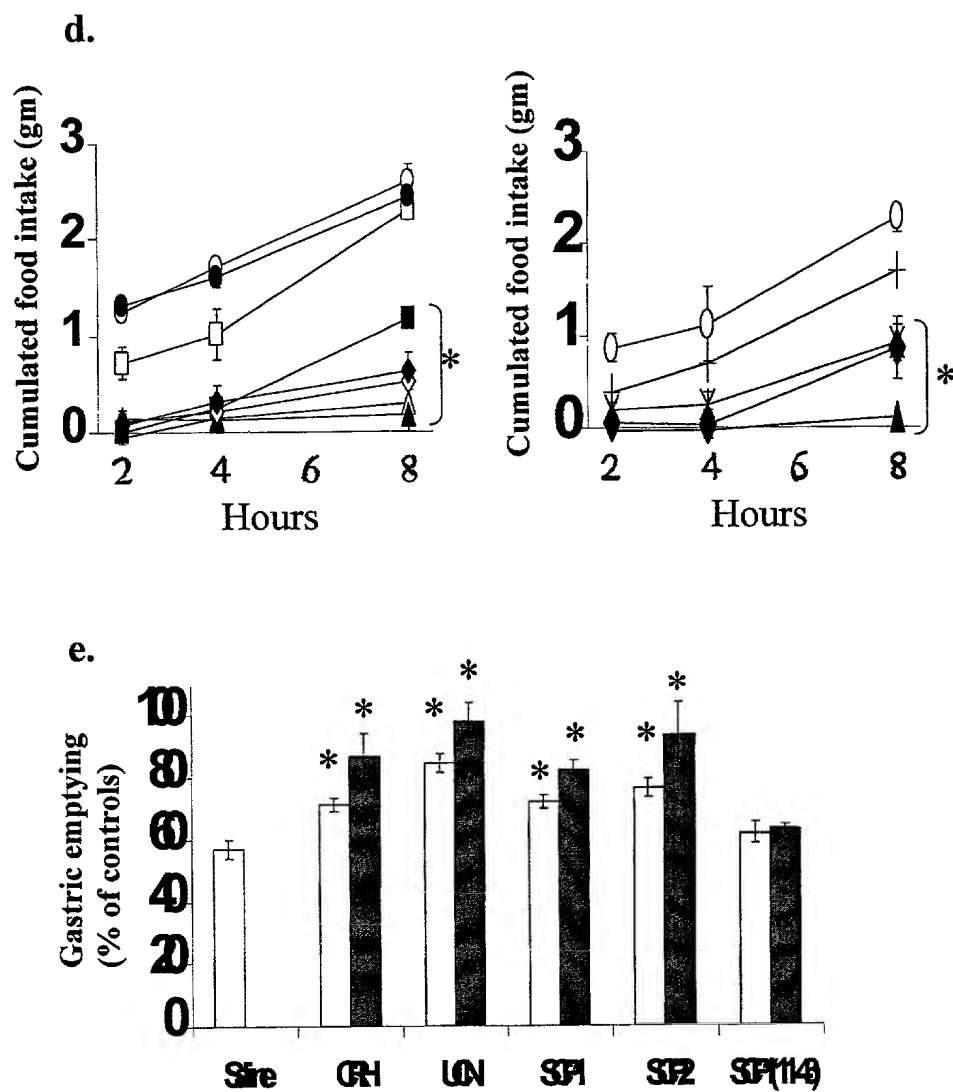


Fig. 4d-e